METHOD AND APPARATUS FOR COMMAND MERGE

ABSTRACT OF THE DISCLOSURE

Methods and a system for combining commands for data transfers between a drive and memory. One exemplary method includes receiving multiple read or write commands in a queue. Then, a first command of the multiple read or write commands is processed. Next, the multiple read or write commands are combined. The combination includes identifying like commands each being associated with a file stored on a drive and ascertaining which of the files associated with the like commands are contiguous. Then, a combined command is created, where the combined command consolidates the identified like commands being associated with contiguous files. Next, the combined command is issued to the drive.